



Patent  
Docket No.: P02082US1A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Xiaorong Wang, et al. Group Art Unit:

Serial No.: 10/791,491 Examiner:

Filed: March 2, 2004

For: NANO-SIZED POLYMER-METAL COMPOSITES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty to disclose information that is material to the patentability of the present invention, as set forth in 37 C.F.R. § 1.56 and § 1.97-1.98, copies of the documents listed on the attached form PTO-SB-08A are enclosed for consideration by the Examiner.

Respectfully submitted by:

4/22/09  
Date

TRK  
\_\_\_\_\_  
Timothy R. Krogh  
Registration No. 40,688

Bridgestone Americas Holding, Inc.  
1200 Firestone Parkway  
Akron, OH 44317--0002  
Telephone: (330) 379-6178  
Facsimile No.: (330) 379-4064  
Email: [Kroghtr@bfusa.com](mailto:Kroghtr@bfusa.com)

Enclosures

**CERTIFICATE OF MAILING**

I hereby certify that the attached Information Disclosure Statement was deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on April 23, 2004.

Millie Persin  
Millie Persin



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<b>Application Number</b> 10/791,491	
				<b>Filing Date</b> March 2, 2004	
				<b>First Named Inventor</b> Xiaorong Wang	
				<b>Art Unit</b>	
				<b>Examiner Name</b>	
Sheet	2	of	2	<b>Attorney Docket Number</b>	FO2082US1A

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		An article entitled "Dendritic Macromolecules: Synthesis of Starburst Dendrimers" DONALD A. TOMALA et al. <i>Macromolecules</i> , Vol. 19, No. 9, 1986, contribution from Functional Polymers/Processes and the Analytical Laboratory, Dow Chemical, Midland, MI 48640. Pgs. 2466-2468.		
		An article entitled "Preparation and Characterization of Heterophase Blends of Polycaprolactam and Hydrogenated Polydienes" DAVID F. LAWSON, ET AL. Pgs. 2381-2351, Central Research Labs., The Firestone Tire and Rubber Co., Akron, Ohio 44317, <i>Journal of Applied Polymer Science</i> , Vol. 39, 1990 John Wiley & Sons, Inc.		

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of 2

Complete if Known

Application Number	10/791,491
Filing Date	March 2, 2004
First Named Inventor	Xiaorong Wang
Art Unit	
Examiner Name	

Attorney Docket Number P02082US1A

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,773,521	09-27-1988	Chen	
		US- 4,829,135	05-09-1989	Gunesin et al.	
		US- 4,942,209	07-17-1990	Gunesin	
		US- 5,594,072	01-14-1997	Handlin Jr, et al.	
		US- 5,763,551	06-09-1998	Wunsch et al.	
		US- 5,847,054	12-08-1998	McKee et al.	
		US- 5,891,947	04-06-1999	Hall et al.	
		US- 5,905,116	05-18-1999	Wang et al.	
		US- 5,994,468	11-30-1999	Wang et al.	
		US- 6,191,217	02-20-2001	Wang et al.	
		US- 6,204,354	03-20-2001	Wang et al.	
		US- 6,255,372	07-03-2001	Lin et al.	
		US- 6,437,050	08-20-2002	Krom et al.	
		US- 2002/0045714 A1	04-18-2002	Tomalia et al.	
		US- 2003/0130401 A1	07-10-2003	Lin et al.	
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)				
		WO 02/081233 A1	10-17-2002	Bridgestone		
		WO 03/085040 A2	10-16-2003	Bridgestone		

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